DAILY ONLINE ACTIVITIES SUMMARY

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Sem & Sec	8th B	USN:	4AL16CS123

Online Test Summary			
Subject	- - - -		
Max. Marks	- - -	Score	- - -

Certification Course Summary			
Course	Introduction to cloud		
Certificate Provider	Ibm	Duration	6 hrs

Coding Challenges

Problem Statement:
1) Python program to find remainder when all array elements are multiplied.

Status: Solved

Uploaded the report in Github	YES
If yes Repository name	SONALI SHETTY
Uploaded the report in slack	YES

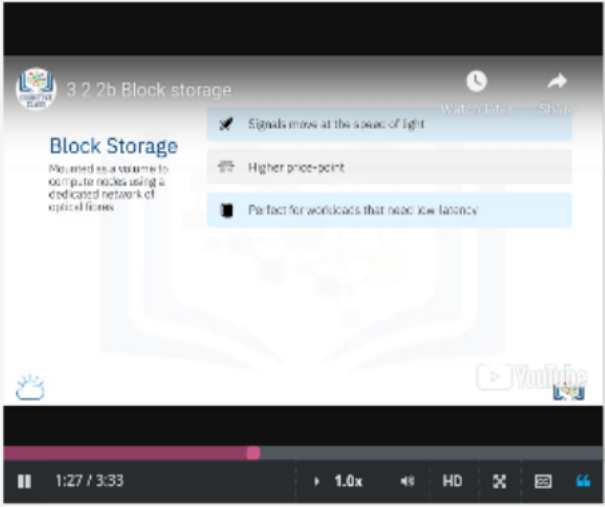**Certification Course Details:**

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Course   Discussion   Wiki   Progress

Module 5 - Cloud Computing
Storage and Content Delivery
Course > Networks   > Video: Block Storage (3:34) > Video: Block Storage (3:34)

‹ Previous   Next ›

Video: Block Storage (3:34)
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Block Storage (3:34)

3.2.2b Block storage

Block Storage

Mounted as a volume to
compute nodes using a
dedicated network of
optical fibres

✈ Signals move at the speed of light
$ Higher price-point
▦ Perfect for workloads that need low-latency

1:27 / 3:33   ▸ 1.0x   ◀ HD ✕ ▦ ▦

However, since the traffic is moving faster
and with speed consistency, they are
perfect

for workloads that need low-latency
storage to work effectively.

In terms of workloads, it is important to
note that unlike File Storage, which can be

mounted onto 80 computer nodes or
more, Block storage is normally mounted
onto only one

compute node at a time.

Since these disks run at a consistent high
speed, they are perfect for workloads that

need consistently fast storage, such as
databases and mail servers.

Block storage is not suitable for workloads
where there needs to be some level of disk

sharing between compute nodes.

For block storage, as it is for file storage,
you need to take the IOPS capacity of the

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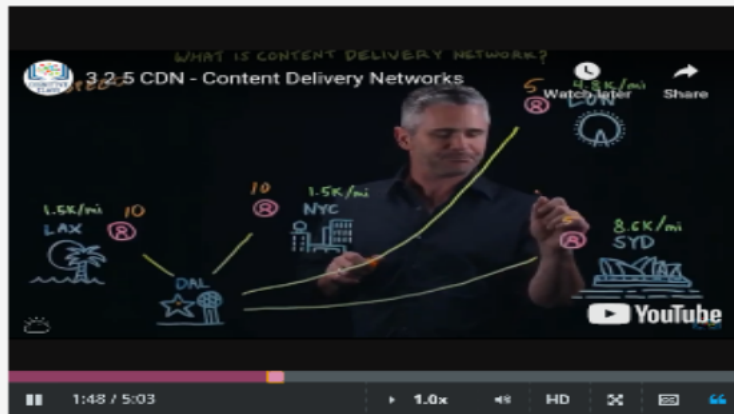
Video: Content Delivery Networks (5:04)

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Content Delivery Networks (5:04)

| ‖   1:48 / 5:03   ▶ 1.0x   🔇   HD   ⤢   💬   ❝ |

Then I have users all around the world. So, in Sidney I might have five. In London I've got five. New York I might have ten. LA I might have ten. I've got 30 users around the world that are accessing my server and my website down in Dallas. Let's kind of follow a set of these users in their journey. Let's look at **their users down in Sydney. They make a** request to the website. They've got an 8,600 mile hike to Dallas, and then an 8,600 mile hike back. The amount of time that that takes is usually measured and measured in milliseconds, and just that round-trip might be about 170 milliseconds. For our users up in London.

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Hands-on Lab: Create an Object Storage Instance and add items

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Lab Overview:

After completing this lab, you will have created an Object Storage Instance, a bucket, and added objects to the bucket.

Lab Objectives:

IBM Cloud offers numerous cloud resources and services. In this hands-on lab, you will use your IBM Cloud Lite account to create an instance of Object Storage, create a bucket to store data, add objects to your bucket, and share objects in your bucket.

You will perform this lab by completing the following tasks:

    I.   Create an Object Storage instance

    II.   Create a Bucket to store data

    III.   Add objects to your bucket
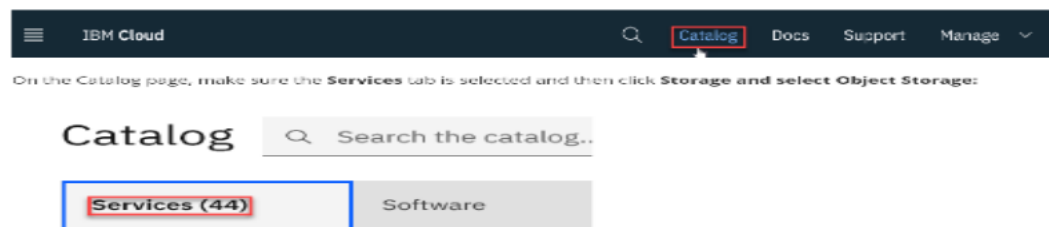
    IV.   Share objects in your bucket

Prerequisites:

Before you begin this lab, you need an IBM Cloud account. You should have already created this free account in a previous hands-on lab titled: **Create a Cloud Account** by going to https://cocl.us/ibmcloud_cc_cc0101en [or https://cloud.ibm.com/registration].

Task I: Create an instance of IBM Cloud Object Storage:

1. Go to: https://cocl.us/objectstorage_cc_cc0101en

Alternatively, you can Log in to your IBM Cloud account that you created in an earlier lab and open the **IBM Cloud Catalog** [https://cloud.ibm.com/catalog].

| ☰   **IBM Cloud**   🔍   Catalog   Docs   Support   Manage ⌄ |

On the Catalog page, make sure the **Services** tab is selected and then click **Storage and select Object Storage:**

Catalog   🔍 Search the catalog...

| **Services (44)** | Software |

CODE:

Program no:1

Python program to find remainder when all array elements are multiplied.

```python
def findremainder(arr, lens, n):
    mul = 1

    # find the individual
    # remainder and
    # multiple with mul.
    for i in range(lens):
        mul = (mul * (arr[i] % n)) % n

    return mul % n

# Driven code
arr = [ 100, 10, 5, 25, 35, 14 ]
lens = len(arr)
n = 11

# print the remainder
# of after multiple
# all the numbers
print( findremainder(arr, lens, n))
```